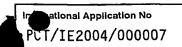
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUB-IPC 7 G07F19/00 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \quad G07F \quad G06F \quad H04L$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

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χ Furti	ner documents are listed in the continuation of box C.	χ Patent family members are listed	
		A citem terms members are listed	in annex.
"A" docume consider earlier of filing of which citatio	ent defining the general state of the art which is not lered to be of particular relevance document but published on or after the international late ent which may throw doubts on priority claim(s) or is clied to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but an the priority date claimed	"T" later document published after the into or priority date and not in conflict with clied to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art.	ernational filing date the application but leave underlying the claimed invention to be considered to becoment is taken alone claimed invention liventive step when the one other such docu- ous to a person skilled
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